

PARKER VISES

INDUSTRIAL CATALOG 65



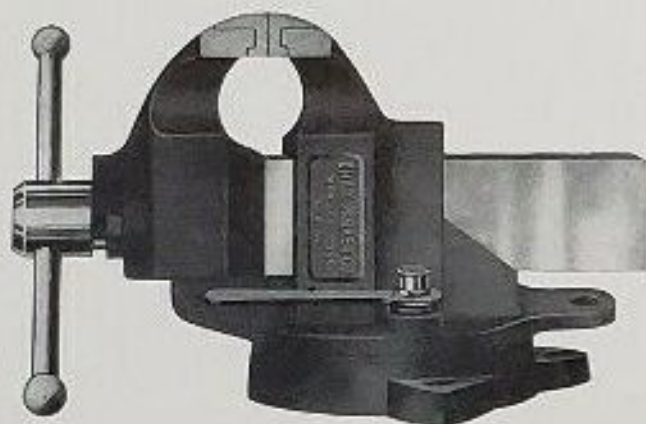
Grips like a Grizzly

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York Machinery and Supply Co.
20-28 North Penn Street
York, Penna.
Phone - 29531

PARKER VISES

FIRST IN

DEMAND - QUALITY - DURABILITY



YES! Parker has been the leader in the vise field for over 125 years. Not just a statement, but backed by FACTS. Here are a few "FIRSTS" by PARKER

"Firsts" by Parker Vises

- 1—**FIRST** vise to be made in U. S. A. A distinct improvement over European design.
- 2—**FIRST** to use renewable jaws adding years to the use of the vise.
- 3—**FIRST** with the "Above the Bench" swivel base with a positive locking device.
- 4—**FIRST** to adopt Hex Wrench to tighten base, eliminating cumbersome binder bolt.
- 5—**FIRST** with outside screw retainer (saddle) resulting in quicker tightening action and increased strength in the slide.
- 6—**FIRST** to adopt tension spring in handle and increasing speed in operation and preventing "Pinched Fingers."

GUARANTEE

Parker vises carry a full guarantee against defects in workmanship and material. Any defective parts will be replaced free of charge.

PARKER VISE DIVISION — UNION MANUFACTURING CO.
New Britain, Conn.



MASTER VISE MAKERS Bare Facts

1—STEEL JAW CONSTRUCTION



The vital part of any vise — the steel jaw. A rigid jaw is absolutely necessary in order to hold work properly. However, the vise is worthless, if when worn the jaws cannot be renewed. With the Parker construction, two straight pins (not tapered) are driven into the drilled holes and polished off. Thus the jaws are just as rigid as though they were cast on. By driving the pins out, the jaws can be replaced when worn at a small cost. The entire top of the vise is covered with tool steel (not a face jaw) an added protection against filing, chipping, etc.

Parker steel jaws are interchangeable

2—SWIVEL BASE CONSTRUCTION

The Parker Swivel Base is POSITIVE in action! It is designed on the principle of the automobile brake — "shoes that grip the sides." Turning the wrench wedges the shoes against the



sides of a circle in the base providing a gripping power of 360°. The hexagon wrench is easier to operate than the old style binder bolt. It can also be readily changed to the opposite side of the vise for use by left-handed mechanics.

*3—SOLID STEEL STRENGTHENING BAR

The weakest part of any vise — the slide! The Combination Pipe Vises have a solid steel strengthening bar cast the entire length of the slide. This bar relieves the strain at any one particular point and distributes it along the entire length of the slide.

Actual tests have demonstrated that a slide with this type of construction is practically unbreakable.

4—SOLID UNDERPORTION

The Parker Vise screw is attached to the slide by means of a saddle on outside of slide instead of a collar on the inside having the following advantages:

First — the underportion of the slide is cast solid, not hollow, which adds greater strength at this point.

Second—The absolute saddle fit eliminates any slack usually found in other vises.

Third — this simplified construction permits lubrication which will prolong the life of any vise.



5—TENSION SPRING IN HANDLE

The vise handle of a large size vise can cause a bad pinch that might lead to serious trouble. The tension spring and screw in a Parker Vise Handle holds it permanently in any position, yet it can be moved easily by hand.

By centering the handle and lubricating the screw, production can be speeded up considerably.

6—PARKER CASTINGS

The important parts of any vise are the castings. Parker Castings have been made in our own foundry for over 120 years. All heats in the foundry are carefully run to analysis. Daily tensile and shear tests are made to insure the strongest possible alloyed mixture of iron.

7—OVERSIZE SCREW AND NUT

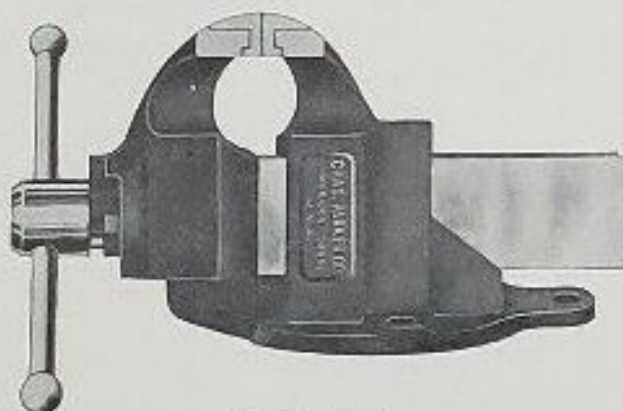
Parker Screws are drop forged with a one piece handle, threaded so as to give the quickest possible action and still have the proper holding power. The nut is made of the highest grade malleable iron. Each vise has a different size screw and nut designed for that particular size vise.

*Combination pipe series only.



PARKER'S "ECLIPSE" MACHINISTS' VISES

Parker's "Eclipse" Machinists' Vises are standard in price only. The six construction features explained in detail on page two, show definitely why we state that they are "Built for a LIFETIME OF USE."



STATIONARY BASE

STATIONARY BASE VISES

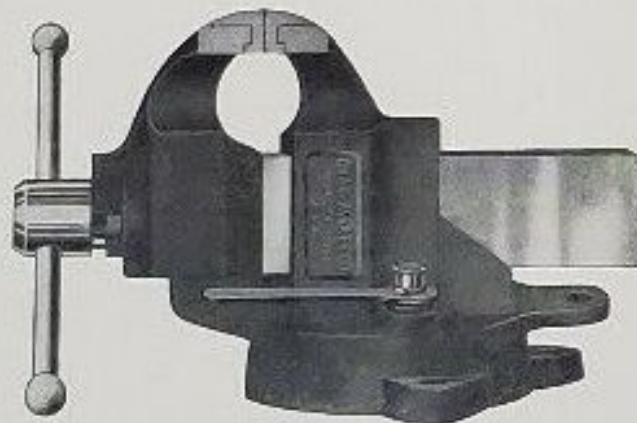
Vise No.	Jaw Width	Shipping Wgt. Lbs.	Vise Opens	Throat Depth
953-A	3"	27	4 1/2"	3 1/4"
953 1/2-A	3 1/2"	39	5 1/2"	3 3/8"
954-A	4"	53	6 1/2"	3 3/4"
954 1/2-A	4 1/2"	69	7"	4 5/16"
955-A	5"	95	8"	4 5/8"
956-A	6"	158	10 1/2"	5 1/8"
958-A	8"	276	13 3/4"	6 9/16"

ALL PARTS INTERCHANGEABLE

SMOOTH-FACE JAWS FURNISHED AT NO EXTRA CHARGE

SWIVEL BASE VISES

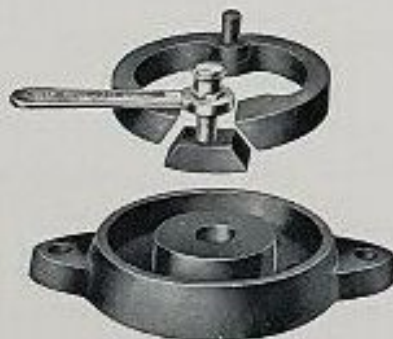
Vise No.	Jaw Width	Shipping Wgt. Lbs.	Vise Opens	Throat Depth
973-A	3"	33	4 1/2"	3 1/4"
973 1/2-A	3 1/2"	49	5 1/2"	3 3/8"
974-A	4"	66	6 1/2"	3 3/4"
974 1/2-A	4 1/2"	84	7"	4 5/16"
975-A	5"	118	8"	4 5/8"
976-A	6"	186	10 1/2"	5 1/8"
978-A	8"	329	13 3/4"	6 9/16"



SWIVEL BASE

PARKER SWIVEL BASE PACKAGE Converts Stationary To Swivel Base Vise

Stationary PARKER A Series vises may easily be converted to swivel base vises by the addition of PARKER Swivel Bases. Individually packaged in sizes as noted:



Jaw Width	Approx. Ship Wgt.	Jaw Width	Approx. Ship Wgt.
3"	6 lbs.	4 1/2"	16 lbs.
3 1/2"	10 "	5"	22 "
4"	14 "	6"	27 "

Special box includes swivel base plate, center bolt, expansion ring, steel wedge, binder bolt and wrench.



PARKER'S "VICTOR" SWIVEL JAW MACHINISTS' VISES

These swivel jaw vises are designed for use where tapered and odd shaped work are to be held. By removing the tapered pin, the parallel jaws swivel and self adjust themselves to tapered work.

Vise No.	Jaw Width	Wgt. Lbs.	Vise Opens	Throat Depth
383 1/2	3 1/2"	51	5"	3 1/2"
384 1/2	4 1/2"	71	6"	4"
386	6"	174	9 1/2"	4 7/8"

PARKER'S COMBINATION PIPE VISES

Combination vises are used in the plumbing and railroad fields. The pipe jaws, made of the highest grade steel, do not project beyond the face of the vise jaws, therefore the vise will hold work the full width of the jaw and depth of the throat.

Vise No.	Jaw Width	Wgt. Lbs.	Vise Opens	Throat Depth	Holds Pipe Up To
433 1/2	3 1/2"	47	5"	4 1/2"	2 1/2"
434 1/2	4 1/2"	75	6 1/2"	5"	3 1/2"
435	5"	116	7"	6 3/8"	4 1/2"
436	6"	185	10"	7 13/16"	6"

PARKER'S "BIG BEAR" SERVICE VISES

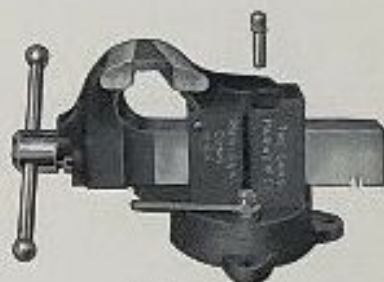
"Big Bear" Vises are used for extra heavy work in both the industrial and service station fields. Up to 30 pounds heavier than the standard machinist vise, these service vises have a heavy anvil plus an oversize screw and nut.

Vise No.	Jaw Width	Wgt. Lbs.	Vise Opens	Throat Depth
984	4"	76	5 1/2"	4 5/16"
985	5"	102	6"	4 3/4"

PARKER'S "BIG BEAR" SERVICE VISES

Like the above Stationary base vise, these "Big Bear" swivel base vises are heavier, with anvil and oversize screw and nut. The heavy 360° swivel base provides action with strength. These vises meet the demand for extra rugged vises.

Vise No.	Jaw Width	Wgt. Lbs.	Vise Opens	Throat Depth
994	4"	89	5 1/2"	4 5/16"
995	5"	112	6"	4 3/4"



SWIVEL BASE



SWIVEL BASE



STATIONARY BASE



SWIVEL BASE





SWIVEL BASE

PARKER'S SHEETMETAL WORKERS' VISE

This Parker Vise has very large and peaked jaws for ease in metal working. The deep throat accommodates large pieces of sheet metal. Two screws plus a horizontally driven pin rigidly hold the smooth steel jaws to the vise. Jaws are interchangeable.

Vise No.	Jaw Width	Wgt. Lbs.	Vise Opens	Throat Depth	Jaw Depth
674 1/2 X	4 1/2"	77	7"	5"	2 1/4"



SWIVEL BASE

PARKER'S FILERS' VISE

The filers' vise is designed for shops where much filing is done. It has a high peak and deep throat to accommodate varied filing work. Two screws plus a horizontally driven pin firmly hold the serrated steel jaws. These jaws are interchangeable.

Vise No.	Jaw Width	Wgt. Lbs.	Vise Opens	Throat Depth
574X	4"	44	4"	4 1/16"



SWIVEL BASE

PARKER'S DOUBLE SWIVEL VISE

The Double Swivel Vise is designed for tool makers, die sinkers, and metal pattern makers. Two swivels operate independently of each other, allowing the work to be swung into any position without being removed from the vise.

Vise No.	Jaw Width	Wgt. Lbs.	Vise Opens	Throat Depth
474	3 3/4"	67	6"	2 18/82"

PARKER'S BRASS CAP JAWS

These Brass Cap Jaws are designed to fit over the serrated jaws of Parker Vises to prevent marring work when soft material is used.



Jaw Width
3
3 1/2
4
4 1/2
5



PARKER'S HINGED PIPE VISES

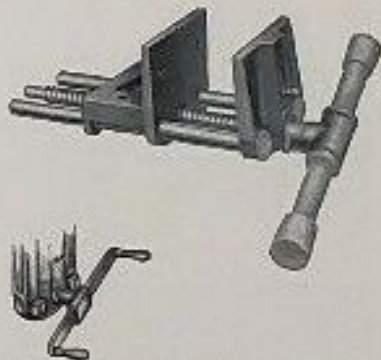
Parker's Hinged Pipe Vises are constructed of high grade malleable iron. The hook is self locking. The handle and screw are of cold rolled steel with a "V" thread. New style pipe jaws are of Tool Steel—milled and tempered in oil.

Vise No.	Holds Pipe	Wgt. Lbs.
180	1/8" to 2"	8
181	1/8" to 2 1/2"	11
182	1/8" to 3 1/2"	18
183	1/8" to 4 1/2"	26

**PARKER'S WOODWORKERS' VISES****CONTINUOUS SCREW**

WOODEN HANDLE			
Vise No.	Jaw Size Inches	Jaw Opening Inches	Approx. Wgt. Lbs.
25W	4 x 7	9	23
26W	4 x 10	12	31
STEEL HANDLE			
25S	4 x 7	9	25
26S	4 x 10	12	33
NOTE: All have dog in Front Jaw			

Designed for use in both woodworking and manual training shops. Vise fastens to the workbench from below as well as from the front. Vise comes equipped with either wooden or steel handle. Steel handle contains a spring which prevents handle from slipping.

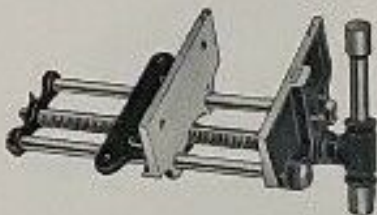


TYPE OF STEEL HANDLE

QUICK ACTION

WOODEN HANDLE			
Vise No.	Jaw Size Inches	Jaw Opening Inches	Approx. Wgt. Lbs.
445W	4 x 7	9	31
446W	4 x 10	12	37
NOTE: All have dog in Front Jaw			

Less than one turn of the handle allows vise to open full length. Place the work in the vise, then push the jaw up against the work. A part turn of the handle draws the jaw up tight. No time consuming turning of the screw.



New LOW COST POWER GRIP by PARKER

PARKER . . enters home workshop market with new line of heavy duty shell-moulded vises.

These all-around home workshop vises are now available with all the quality features of workmanship and materials traditionally found in PARKER vises.



INDIVIDUALLY BOXED

Features

1. Renewable steel jaws—screwed on
2. Cold-rolled steel screw—one piece handle
3. Replaceable malleable nut
4. Extra heavy channel steel slide—protects screw
5. Large anvil and horn on back jaw
6. Pipe jaws cast right into vise—cannot be lost
7. Positive locking (360°) swivel base

Vise No.	Jaw Width Inches	Approx. Weight Per Vise	Vises Per Case	Shipping Weight Per Case
P-3 1/2	3 1/2	16	6	114
P-4	4	27	3	90
P-5	5	38	1	59

PARKER'S "STANDARD" UTILITY VISES



INDIVIDUALLY BOXED

These two ruggedly constructed vises in the lower price field are designed to PARKER'S highest specifications. All PARKER utility vises are shell-mould cast for fine finish. All have single piece handle assemblies with balls forged from handle stock. All finished in bright red bonded color. The No. 703 1/2 is made with replaceable steel jaw faces and No. 713 1/2 with smooth jaws, not renewable.

Vise No.	Jaw Width In.	Jaw Opening In.	Pipe Cap. In.	Wt. Each Lbs.
703 1/2	3 1/2	4	1/8—1 1/4	13
713 1/2	3 1/2	4	1/8—1 1/4	13

PARKER ROTO-ARM



A new and versatile work holder, allowing the work to be held in any position, in complete rotation, from the vertical to 20° below the horizontal plane. For assembly, soldering, welding, filing. Recommended for work weight up to 70 lbs. at 12".

Roto Arm No.	Base Diam.	Hgt. of Body (overall)	Approx. Wgt.	Approx. Ship Wgt. (4 per case)
R-1	5"	6"	12	45

(See opposite page for additional information)





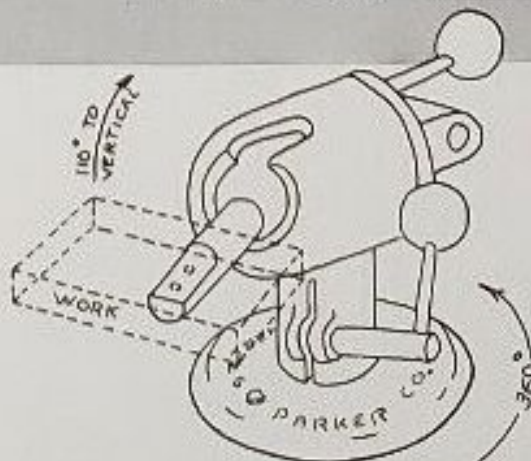
Parker ROTO-ARM

**HOLDS WORK UP TO 70 LBS.
ONE FOOT FROM WORKHOLDER**

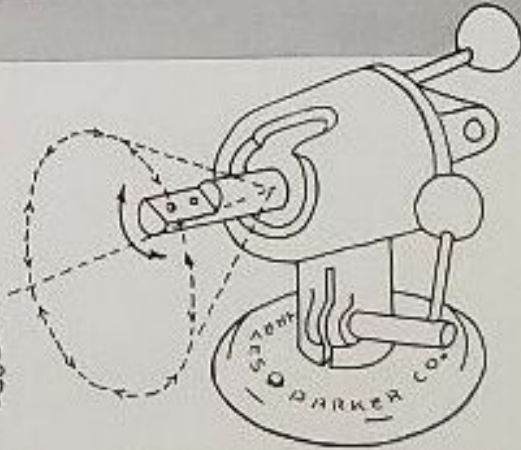
***Increases Efficiency!
Reduces Labor Costs!***

The Parker ROTO-ARM assures rigid holding of work loads at any angle. Both hands remain free increasing productivity and accuracy. 360° swivel at base can be moved without changing vertical angle position for increased work efficiency.

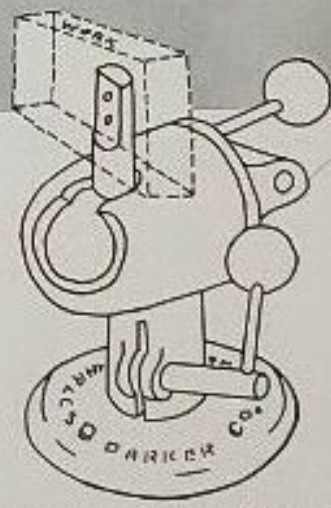
You can easily move work to any position...
ROTO-ARM HOLDS IT THERE!



Work holder body can be rotated a complete 360° without disturbing work. Comfortable work angles can be found through a travel of 110° to vertical.



When the work position required is in or near the horizontal plane the work can be rotated to any position plus the benefit of being able to move it radially 20° from center in any direction.



Work position can be maintained in a positive vertical position if so desired.

REPAIR PARTS PRICE LIST

PARKER'S "ECLIPSE," "BIG BEAR," "ANVIL," "FILERS" AND "SHEET METAL" VISES

WHEN ORDERING REPAIR PARTS IT IS IMPERATIVE THAT YOU GIVE THE EXACT NUMBER, INCLUDING ALPHABETICAL LETTER, IF ANY, ON YOUR VISE — such as 953 or 953A etc. Also give correct name of part as shown in these line drawings. All parts are interchangeable and available for vises illustrated in this catalog and for the 953 and 975 series vises which have now been replaced by the present 953A and 973A series vises.

Catalog Page No.	Type of Vise	Vise Number	Slide	Back Jaw Less Base Plate	Screw with Handle	Nut	Steel Jaws (Pair)	Swivel Base Plate	Expansion Ring	Steel Wedge	Center or Binder Bolt	Binder Bolt Wrench	
3	Eclipse	953	}	\$15.00	\$15.00	\$ 6.00	\$ 2.00	\$ 7.20	\$ 7.00	\$ 1.00	\$ 1.20	\$ 1.50	\$ 1.80
		973											
		953 1/2	}	17.00	17.00	7.20	2.40	7.50	8.50	1.50	1.50	1.80	1.80
		973 1/2											
		954	}	20.00	20.00	9.00	3.00	8.40	10.00	2.00	1.90	2.10	1.80
		974											
		954 1/2	}	24.00	24.00	12.00	3.00	9.00	11.50	2.50	2.25	2.40	1.80
		974 1/2											
		955	}	30.00	30.00	15.00	4.50	10.00	18.50	3.50	3.00	2.70	3.00
		975											
		956	}	60.00	60.00	24.00	6.00	12.60	23.00	5.00	4.00	3.60	3.00
		976											
958	}	110.00	110.00	36.00	10.50	16.00	50.00	10.00	6.00	5.25	3.00		
978													
4	Big Bear	984	}	26.00	26.00	9.00	3.00	8.40	10.00	2.00	1.90	2.10	1.80
		994											
		985	}	36.00	36.00	15.00	4.50	10.00	18.50	3.50	3.00	2.70	3.00
		995											
5	Small Anvil	492 1/2 X		13.50	13.50	5.25	1.50	—	5.50	1.00	1.20	.90	
5	Filers'	574X		20.00	20.00	9.00	3.00	8.40	10.00	2.00	1.90	1.80	
5	Sheet Metal Workers'	674 1/2 X		24.00	24.00	12.00	3.00	9.00	11.50	2.50	2.25	2.40	1.80

PARKER'S "VICTOR SERIES"

Catalog Page No.	Vise Number	Slide	Body for Adj. Jaw	Swivel Jaw	Taper Pin	Screw with Handle	Nut	Steel Jaws (Pair)	Swivel Base Plate	Expansion Ring	Wedge	Center or Binder Bolt	Binder Bolt Wrench
4	383 1/2	\$17.00	\$18.00	\$15.00	\$ 1.20	\$ 7.20	\$ 2.40	\$ 7.50	\$ 8.50	\$ 1.50	\$ 1.50	\$ 1.80	\$ 1.80
	384 1/2	24.00	27.00	20.00	1.20	12.00	3.00	9.00	11.50	2.50	2.25	2.40	1.80
	386	60.00	65.00	30.00	2.40	24.00	6.00	12.60	23.00	5.00	4.00	3.60	3.00

PARKER'S COMBINATION PIPE VISES

Catalog Page No.	Vise Number	Slide	Back Jaw (Less Swivel Plate)	Screw with Handle	Nut	Steel Jaws (Pair)	Swivel Base Plate	Expansion Ring	Wedge	Center or Binder Bolt	Binder Bolt Wrench	Pipe Jaws Per Set (13)
4	433 1/2	\$20.00	\$20.00	\$ 9.00	\$ 3.00	\$ 7.50	\$ 8.50	\$ 1.50	\$ 1.50	\$ 1.80	\$ 1.80	\$ 8.00
	434 1/2	26.00	26.00	12.00	3.00	9.00	11.50	2.50	2.25	2.40	1.80	10.80
	435	45.00	45.00	15.00	4.50	10.00	18.50	3.50	3.00	2.70	3.00	18.00
	436	78.00	78.00	24.00	6.00	12.60	23.00	5.00	4.00	3.60	3.00	18.00

PARKER'S "DOUBLE SWIVEL VISES"

Catalog Page No.	Vise Number	Slide	Back Jaw ONLY	Outside Barrel	Screw with Handle	Nut	Steel Jaws (Pair)	Swivel Base Plate	Expansion Ring	Wedge	Binder Bolt	Binder Bolt Wrench	Cap Nut
5	474	\$20.00	\$32.50	\$30.00	\$ 9.00	\$ 3.00	\$ 8.40	\$10.00	\$ 2.00	\$ 1.90	\$ 2.10	\$ 1.80	\$ 1.80

PARKER'S "HINGED PIPE" VISES

Catalog Page No.	Vise Number	Frame	Base	Hook	Screw with Handle	Slide for Upper Pipe Jaw	Upper Pipe Jaw	Lower Pipe Jaw (per pc.)
6	180	\$ 2.80	\$ 4.50	\$.90	\$ 3.40	\$.65	\$ 1.65	\$ 3.30
	181	3.40	5.40	1.00	4.00	.90	2.00	3.95
	182	5.10	7.90	1.45	6.15	1.30	2.40	4.85
	183	7.50	11.90	2.10	8.45	1.90	3.40	6.80

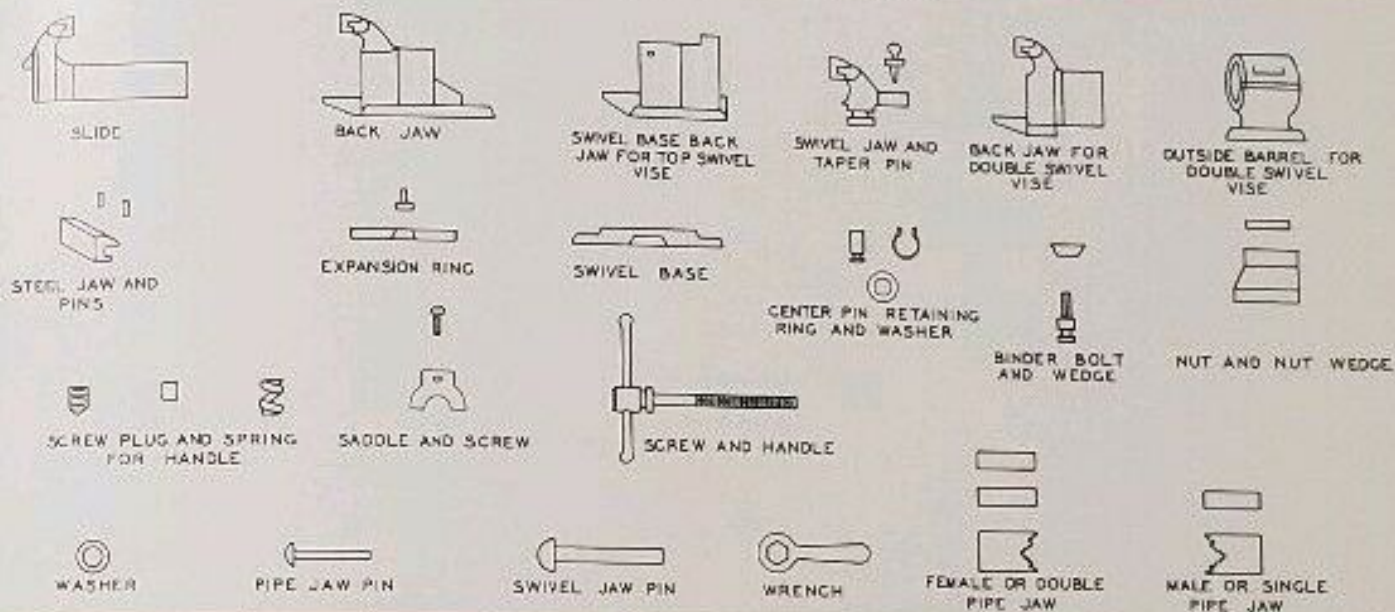
PARKER'S "WOODWORKER'S" VISES

Catalog Page No.	Vise Number	Back Jaw	Front Jaw with Dog	Screw Only	Nut	Screw Head and Rivet	Wood Handle	Steel Handle
6	25W	\$ 8.25	\$ 8.25	\$ 4.95	\$ 2.00	\$ 1.65	\$.85	\$ 2.45
	25S							
	26W	9.90	9.90	6.60	2.00	2.45	.85	2.45
	26S							
	445W	8.25	8.25	6.60	2.45	1.65	.85	2.45
	446W	9.90	9.90	8.25	2.45	2.45	.85	2.45

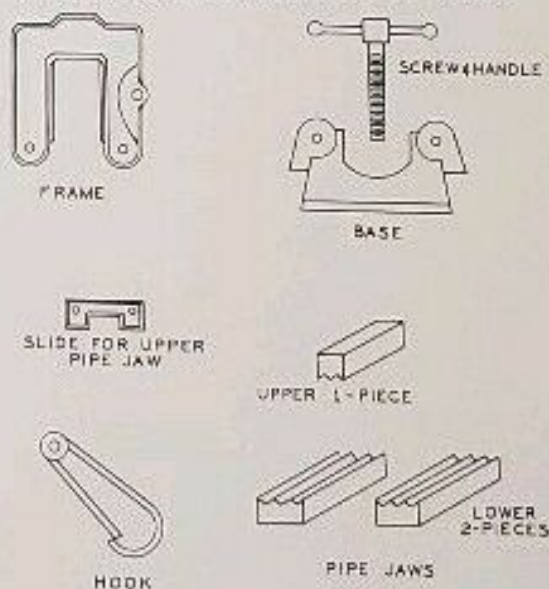
Utility vise repair parts prices on application.



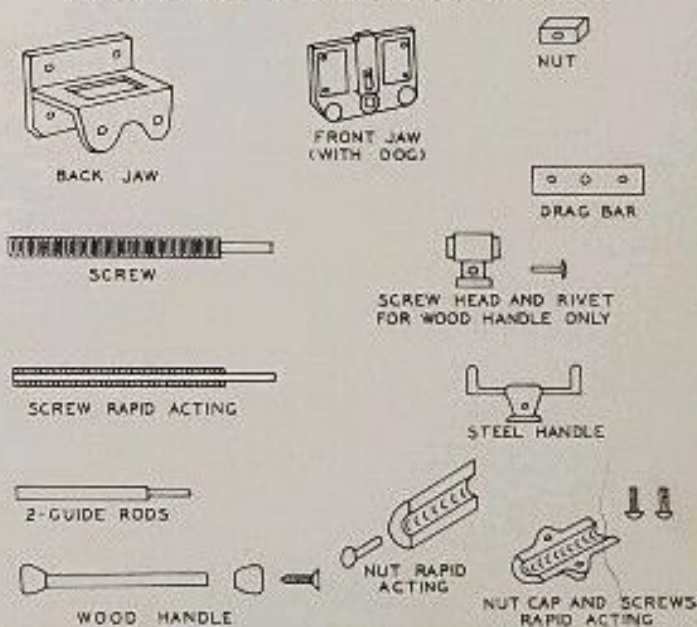
PARTS FOR MACHINISTS VISES



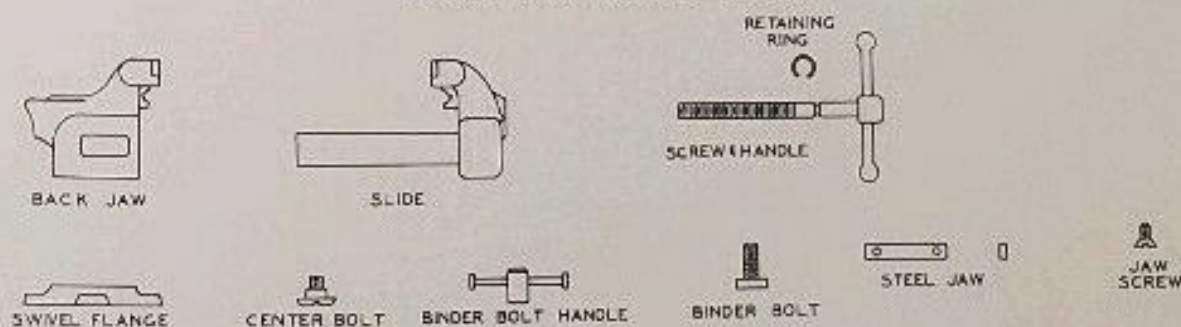
PARTS FOR HINGED PIPE VISES

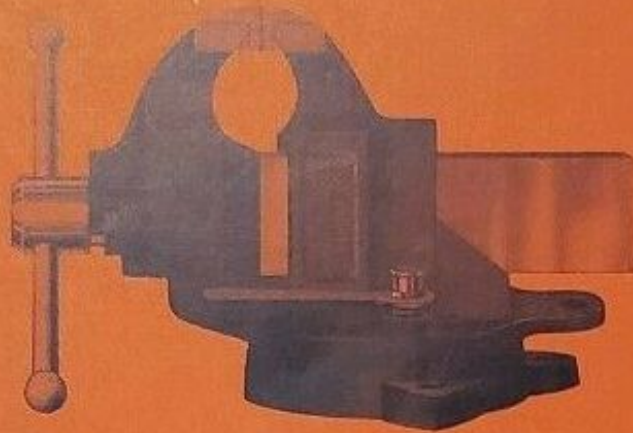


PARTS FOR WOODWORKERS VISES



PARTS FOR UTILITY VISES





PARKER VISES

CARRIED IN STOCK

BY

DISTRIBUTORS

IN

ALL SECTIONS OF THE COUNTRY

**CONTACT THEM FOR
INFORMATION — SERVICE**



PARKER VISE DIVISION

**Union Manufacturing Co.
NEW BRITAIN, CONNECTICUT**